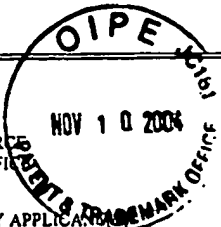


FORM PTO 1449 (modified)  U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)				ATTY DOCKET NO. <b>524941/0007</b>		APPLICATION NO. <b>09/976,668</b>	
APPLICANT <b>Seiichi Hirano, et al.</b>				FILING DATE <b>October 11, 2001</b>		GROUP <b>2853</b>	

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
u	1,773,993	8/1930	Barr			[Handwritten marks]	
	3,934,872	1/1976	Honkawa				
	4,345,754	8/1982	Willenbring				
	4,708,504	11/1987	Asakura	400	637		
	4,709,247	11/1987	Piatt et al.	347	87		
	4,736,213	4/1988	Piatt et al.				
	4,772,007	9/1988	Kashimura	271	22.		
u	4,844,633	7/1989	Greenberg				


  

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT	
u	0 339 977	11/1989	European Patent Office			[Handwritten marks]	
	0 379 151	7/1990	European Patent Office				
	0 386 737	9/1990	European Patent Office				
	0 395 003	10/1990	European Patent Office				
	0 397 090	11/1990	European Patent Office				

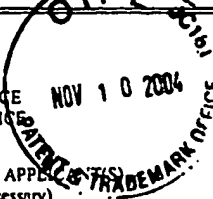
  

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)		

EXAMINER 	DATE CONSIDERED <b>12/7/07</b>
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				APPLICANT <b>Seiichi Hirano, et al.</b>			
				FILING DATE <b>October 11, 2004</b>		GROUP <b>2853</b>	

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
u		4,849,772	7/1989	Broeck et al.	346	/139	—
		4,990,938	2/1991	Brandon et al.	347	/87	+
		5,016,867	5/1991	Kamath			—
		5,026,185	6/1991	Kusabuka			—
		5,034,756	7/1991	Taira	347	/232	—
		5,096,182	3/1992	Kashimura			—
		5,534,899	7/1996	Uchikata et al.	347/	49	—
u		5,579,039	11/1996	Kurata et al.	347/	49	—


  

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
u		0 407 610	1/1991	European Patent Office			—
		0 469 536	2/1991	European Patent Office	347	87	—
		0 423 475	4/1991	European Patent Office			—
		0 422 794	4/1991	European Patent Office			—
u		0 420 400	4/1991	European Patent Office			—

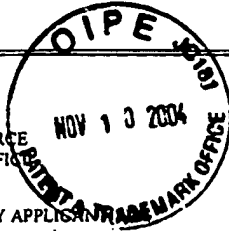
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)		

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U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT  
(Use several sheets if necessary)ATTY DOCKET NO.  
524941/0007APPLICATION NO.  
09/976,668

APPLICANT

Seiichi Hirano, et al.

FILING DATE

October 11, 2001

GROUP

2853

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
u	0 424 968	5/1991	European Patent Office			
	0 436 919	7/1991	European Patent Office			
	0 464 785	1/1992	European Patent Office			
	0 472 218	2/1992	European Patent Office			
	0 478 300	4/1992	European Patent Office			
	0 496 642	7/1992	European Patent Office			
	0 521 658	1/1993	European Patent Office	347	104	
	0 530 777	3/1993	European Patent Office			
	0 546 832	6/1993	European Patent Office			
	0 580 399	1/1994	European Patent Office			
	0 622 219	11/1994	European Patent Office			
w	1 88 160	5/1906	Germany			

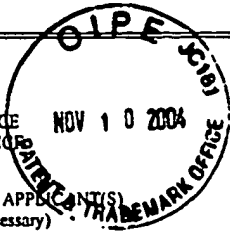
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Sheet 3 of 7

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APPLICANT <b>Seiichi Hirano, et al.</b>				FILING DATE <b>October 11, 2001</b>		GROUP <b>2853</b>	

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	


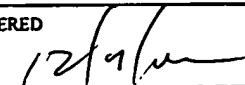
  

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h	28 04 116	8/1978	Germany			/	
	27 38 080	1/1979	Germany				
	28 54 695	7/1979	Germany				
	29 09 458	10/1980	Germany				
	32 38 061	4/1984	Germany				
	36 12 299	10/1986	Germany				
	37 08 601	10/1987	Germany				
	38 06 976	9/1988	Germany				
	39 25 162	2/1990	Germany				
	40 23 402	1/1991	Germany				
h	38 25 752	2/1991	Germany			/	
	41 35 308	4/1992	Germany				


  

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APPLICANT <b>Seiichi Hirano, et al.</b>				FILING DATE <b>October 11, 2001</b>		GROUP <b>2853</b>	

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	


  

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT	
h	33 39 138	5/1995	Germany			/	
	43 30 798	11/1995	Germany				
	57-166263	10/1982	Japan				
	58-109357	6/1983	Japan				
	59-188467	10/1984	Japan				
	59-230941	12/1984	Japan				
	60-212369	10/1985	Japan				
	61-25867	2/1986	Japan				
	61-177265	8/1986	Japan				
	61-220874	10/1986	Japan				
a	63-74825	4/1988	Japan				
	64-43446	2/1989	Japan				

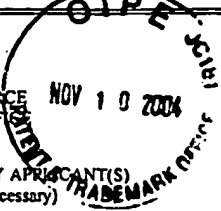
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FORM PTO 1449 (modified)		ATTY DOCKET NO. 524941/0007		APPLICATION NO. 09/976,668	
U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		APPLICANT Seiichi Hirano, et al.			
LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)		FILING DATE October 11, 2001		GROUP 2853	
U.S. PATENT DOCUMENTS					
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS SUBCLASS
FOREIGN PATENT DOCUMENTS					
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS SUBCLASS
		1-053936	3/1989	Japan	
		1-184174	7/1989	Japan	
		1-222982	9/1989	Japan	
		1-267252	10/1989	Japan	
		1-301350	12/1989	Japan	
		40130135	12/1989	Japan	347 87
		2-39945	2/1990	Japan	
		2-41277	2/1990	Japan	
		3-200648	2/1991	Japan	
		3-101980	4/1991	Japan	
		3-101949	4/1991	Japan	
		3-143865	5/1991	Japan	
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		12/1/01			

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APPLICANT <b>Seiichi Hirano, et al.</b>				FILING DATE <b>October 11, 2001</b>		GROUP <b>2853</b>	

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FOREIGN PATENT DOCUMENTS							
DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT		
<u>u</u>	3-272952	12/1991			/		
	4-134865	5/1992					
	4-148741	5/1992					
	5-31912	2/1993	347	104			
	5-177830	7/1993	347	37	/		
	1 206 965	9/1970	Great Britain		/		
	2 061 882	5/1980	Great Britain				
	2 046 671	11/1980	Great Britain				
	2 247 647	3/1992	Great Britain				
	88/06527	9/1988	WIPO				
<u>u</u>	91/10570	7/1991	WIPO		/		

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